

Application No. **89100**

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA**

THIS SPACE FOR OFFICE USE ONLY

Date of Filing in State Engineer's Office AUG 27 2019

Returned to applicant for correction _____

Corrected Application filed _____ Map filed Jan 21, 2003 Under 69218

The applicant Terra-Gen Dixie Valley, LLC

9590 Gateway Drive, Suite 200

of Reno

Street Address or P.O. Box

City or Town

Nevada 89521

State and ZIP Code

ted@de-rocher.com

E-mail Address

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Incorporated in Delaware in 2007.

1. The source of water is Underground

Name of the stream, lake, underground, spring or other sources.

2. The amount of water applied for is 4.50 CFS and 3,258 AFA

Give diversion rate in cubic feet per second (CFS) AND duty in acre-feet annually (AFA).

(a) If stored in a reservoir give the number of acre-feet _____

3. The water is to be used for Industrial - injection augmentation in support of geothermal power plant

Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated _____

(b) Stockwater, state number and kind of animals _____

(c) Other use (describe fully in No. 12) Industrial - Geothermal Power Generation

(d) Power:

(1) Horsepower developed _____

(2) Point of return of water to stream _____

5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

within the SE/4 NW/4 Section 7, T24N, R37E, M.D.M. or at a point from which the North 1/4 corner of said Section 7 bears N. 180°26'06" E. 2087.1 feet.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

NW/4 Section 7, T24N, R37E, M.D.M.

7. Use will begin about January 1 and end about December 31 of each year.

Month and Day

Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Production well, injection wells and fluid distribution network consisting of pipelines and pumps.

9. Estimated cost of works: \$3 Million

10. Estimated time required to construct works: None, existing production and injection wells and pipelines.

(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 1 Year

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

Water from well 73W-7 will be used in a reservoir injection augmentation program to replace water lost to cooling tower evaporation. Multiple injection wells will be used to distribute the augmentation water. Location and use is identical to previous Amended Permit 69218 which changed the point of diversion on Base Rights under Permit 54531. Attached are Drillers Log for Well 73W-7 and POU & POD maps - already on file with NDWR.

13. Miscellaneous remarks:

ted@de-rocher.com

E-mail Address

775-622-6311

Phone No.

Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Ted DeRocher

Type or print name clearly

Signature, applicant or agent

Terra-Gen Dixie Valley, LLC

Company Name

9590 Gateway Drive, Suite 200

Street Address or PO Box

Reno, Nevada 89521

City, State, ZIP Code

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